



## AMENDED CLAIMS WITH MARKINGS TO SHOW CHANGES MADE

1. (Once Amended) A variable reluctance electric motor comprising:

a stator formed having a plurality of individual phase segments which are arranged in an annular array, the segments being provided with phase windings and stator pole teeth, said phase segments being connected with a stationary bearing race, and said pole teeth projecting in a generally radial direction; and

a rotor formed integrally with a bearing race, said rotor being vertically supported by said stator by a plurality of bearing members, said [stator] rotor having a plurality of rotor pole teeth disposed adjacent said stator pole teeth, said rotor pole teeth being separated from said stator pole teeth by a first [vertical] generally vertically extending gap.

5. (Once Amended) A variable reluctance motor as described in Claim 1 wherein said rotor and said stator have pole teeth facing each other across two vertical concentric annular gaps.

9. (Once Amended) An aimable ordinance platform for a defense vehicle powered by a variable reluctance electric motor comprising:

a base connected with a stator formed having a plurality of individual phase segments which are arranged in an annular array, the segments being provided with phase windings and stator pole teeth, said phase segments being connected with a stationary bearing race, and said pole teeth projecting in a generally radial direction; and

a rotor formed integrally with a bearing race, said rotor being vertically supported by said stator by a plurality of bearing members, said [stator] rotor having a plurality of rotor pole teeth disposed adjacent said stator pole teeth, said rotor pole teeth being separated from said stator pole teeth by a first [vertical] vertically extending gap.

RECEIVED  
SEP 23 2002  
TECHNOLOGY CENTER 280

13. (Once Amended) An aimable ordinance platform for a defense vehicle as described in Claim 9 further including a second vertical gap and wherein said rotor and said stator have pole teeth facing each other across two vertical concentric annular gaps.

BH01\352795.1  
ID\WFK